

**NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No. 004372  
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Docket No. 108172-00107  
Date: February 26, 2004

Director of the U.S. PTO  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): ENZYME-CATALYZED ISOTOPE LABELING

By (Inventors): Xudong YAO; Catherine FENSELAU

- ☒ 36 pages of Specification/Claims 1-20/Abstract are attached.  
☒ Formal drawings (Fig(s). 1-10; 10 sheet(s)) is/are attached.  
☐ A Declaration and Power of Attorney is attached.  
☐ An assignment of the invention to \_\_\_\_\_ is attached, along with Form PTO-1595 and a check for \$40.00.  
☐ An Information Disclosure Statement is attached, along with Form PTO-1449, and \_\_\_\_\_ reference(s).  
☒ This application is entitled to Small Entity Status.  
☐ A Preliminary Amendment is attached.  
☒ Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. 60/450,034, filed February 26, 2003. --  
☐ Priority of foreign application No. \_\_\_\_\_ filed \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. §119.  
☐ A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	20 - 20	= 0
INDEP CLAIMS	3 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS		

SMALL ENTITY			LARGE ENTITY	
RATE	FEE	OR	RATE	FEE
	\$ 385	OR		\$ 770
x 9 =	\$	OR	x 18	\$
x 43 =	\$	OR	x 86	\$
+145 =	\$	OR	+290	\$
TOTAL	\$ 385	OR	TOTAL	\$

- ☒ A check for the filing fee is not enclosed at this time.

Respectfully submitted,

*Robert K. Carpenter*

Robert K. Carpenter  
Registration No. 34,794

RKC/tdd